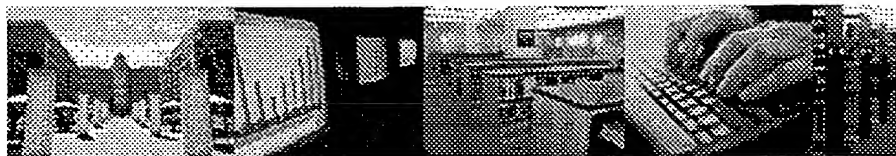



[Home](#) | [Index](#) | [Resources](#) | [Contacts](#) | [Intranet](#) | [Search](#)


Scientific & Technical Information Center


[Home](#) > [Online Database Search Form](#) :

SERVICES

Database Search	submit
PLUS Search	submit
Book/Article Delivery	submit
Book/Journal Purchase	submit
Foreign Patents	submit
Telework Support	
Translation	submit
SIRA Automation Training	
STIC Demos & Events	

RESOURCES

STIC Online Catalog
Databases
E-Books search
E-Journals search
Legal Tools
Nanotechnology
Reference Tools

STIC

About Us
FAQ
Locations & Hours
News
Site Map
Staff

Search STIC Site

If you cannot access a file because of a missing or non-working plugin, please contact the Help Desk at 2-9000 for installation assistance.

[Intranet Home](#) | [Index](#) | [Resources](#) | [Contacts](#) | [Internet](#) | [Search](#) | [Firewall](#) | [Web Services](#)

Last modified 12/21/2005 14:31:12

Database Search Request Confirmation

Thank you, BARRY CHOEBIN. Your request (shown below) has been successful. A confirmation email was also sent to your own email address at BARRY.CHOEBIN@USPTO.GOV

Your name: **BARRY CHOEBIN**
 Email address: **BARRY.CHOEBIN@USPTO.GOV**
 Employee number: **77677**
 Art Unit: **2623**
 Office Location: **NOX9D75**
 Phone Number: **571-2727447**
 Mailbox Number :

Case serial number: **09/985,828**
 Class / Subclass(es): **382/132**
 Earliest Priority Filing Date: **11/06/2000**
 Format preferred for results: **Paper**
 Search Topic Information:
automatic* measur* geometric* position
 Special Instructions and Other Comments:

Submit comments and suggestions to [Kristin Vajs](#)

To report technical problems


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results

[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "((automatic* <paragraph> measur* <paragraph> geometric* <paragraph> position)<i>..."

[e-mail](#)

Your search matched 28 of 1286976 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

[View Session History](#)[New Search](#)

Modify Search

((automatic* <paragraph> measur* <paragraph> geometric* <paragraph> position)<i>... >>

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IEEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

Select Article Information



1. An Automatic Synchronization Technique

Epstein, R.;
Communications, IEEE Transactions on [legacy, pre - 1988]
Volume 13, Issue 4, Dec 1965 Page(s):547 - 550
[AbstractPlus](#) | Full Text: [PDF](#)(464 KB) IEEE JNL

2. Application of ultrasonic sensors to robotic seam tracking

Maqueira, B.; Umeagukwu, C.I.; Jarzynski, J.;
Robotics and Automation, IEEE Transactions on
Volume 5, Issue 3, June 1989 Page(s):337 - 344
Digital Object Identifier 10.1109/70.34769
[AbstractPlus](#) | Full Text: [PDF](#)(684 KB) IEEE JNL

3. Identifying single-ended contact formations from force sensor patterns

Skubic, M.; Volz, R.A.;
Robotics and Automation, IEEE Transactions on
Volume 16, Issue 5, Oct. 2000 Page(s):597 - 603
Digital Object Identifier 10.1109/70.880810
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(184 KB) IEEE JNL

4. Characterization of a trajectory recognition optical sensor for an automat vehicle

Borges, G.A.; Lima, A.M.N.; Deep, G.S.;
Instrumentation and Measurement, IEEE Transactions on
Volume 49, Issue 4, Aug. 2000 Page(s):813 - 819
Digital Object Identifier 10.1109/19.863930
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(244 KB) IEEE JNL

5. Automated parameter extraction for ultrasonic flaw analysis

Dunlop, I.; McNab, A.;
Science, Measurement and Technology, IEE Proceedings-
Volume 144, Issue 2, March 1997 Page(s):93 - 99
[AbstractPlus](#) | Full Text: [PDF](#)(984 KB) IEEE JNL

6. Measurement of 3D spreader position for automatic landing system

Jung Jae Lee; Gi Gun Nam; Bong Ki Lee; Jang Myung Lee;
Industrial Electronics Society, 2004. IECON 2004. 30th Annual Conference of I

Volume 3, 2-6 Nov. 2004 Page(s):3008 - 3013 Vol. 3
Digital Object Identifier 10.1109/IECON.2004.1432291

[AbstractPlus](#) | Full Text: [PDF\(440 KB\)](#) IEEE CNF

- ☐ **7. Global calibration of a robot/vision system**
Puskorius, G.; Feldkamp, L.;
Robotics and Automation. Proceedings. 1987 IEEE International Conference on
Volume 4, Mar 1987 Page(s):190 - 195
[AbstractPlus](#) | Full Text: [PDF\(656 KB\)](#) IEEE CNF

- ☐ **8. Accurate 3D acquisition of freely moving objects**
Blais, F.; Picard, M.; Godin, G.;
3D Data Processing, Visualization and Transmission, 2004. 3DPVT 2004. Proc
International Symposium on
6-9 Sept. 2004 Page(s):422 - 429
Digital Object Identifier 10.1109/TDPVT.2004.1335269
[AbstractPlus](#) | Full Text: [PDF\(777 KB\)](#) IEEE CNF

- ☐ **9. Predictions of shape and temperature for heating elements in an electron
inverse heat transfer method**
Chin-Hsiang Cheng; Mei-Hsia Chang;
Electronics Packaging Technology, 2003 5th Conference (EPTC 2003)
10-12 Dec. 2003 Page(s):611 - 619
[AbstractPlus](#) | Full Text: [PDF\(673 KB\)](#) IEEE CNF

- ☐ **10. A reliable position estimation method of the service robot by map matchi**
Dongheui Lee; Woojin Chung; Munsang Kim;
Robotics and Automation, 2003. Proceedings. ICRA '03. IEEE International Co
Volume 2, 14-19 Sept. 2003 Page(s):2830 - 2835 vol.2
[AbstractPlus](#) | Full Text: [PDF\(469 KB\)](#) IEEE CNF

- ☐ **11. Pixel and sub-pixel accuracy in satellite image georeferencing using an a
contour matching approach**
Eugenio, F.; Marques, F.; Marcello, J.;
Image Processing, 2001. Proceedings. 2001 International Conference on
Volume 1, 7-10 Oct. 2001 Page(s):822 - 825 vol.1
Digital Object Identifier 10.1109/ICIP.2001.959172
[AbstractPlus](#) | Full Text: [PDF\(480 KB\)](#) IEEE CNF

- ☐ **12. A geometric approach to 3D object comparison**
Novotni, M.; Klein, R.;
Shape Modeling and Applications, SMI 2001 International Conference on.
7-11 May 2001 Page(s):167 - 175
Digital Object Identifier 10.1109/SMA.2001.923387
[AbstractPlus](#) | Full Text: [PDF\(720 KB\)](#) IEEE CNF

- ☐ **13. The virtual reality for the design of complex systems. Application to the 3
room simulation**
Cassier, C.; Ferreira, A.; Marche, P.;
Virtual Systems and Multimedia, 2001. Proceedings. Seventh International Co
25-27 Oct. 2001 Page(s):711 - 716
Digital Object Identifier 10.1109/VSMM.2001.969734
[AbstractPlus](#) | Full Text: [PDF\(376 KB\)](#) IEEE CNF

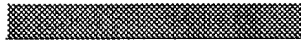
- ☐ **14. The patch test: a comprehensive calibration tool for multibeam echosour**
Gueriot, D.; Chedru, J.; Daniel, S.; Maillard, E.;
OCEANS 2000 MTS/IEEE Conference and Exhibition
Volume 3, 11-14 Sept. 2000 Page(s):1655 - 1661 vol.3

Digital Object Identifier 10.1109/OCEANS.2000.882178

[AbstractPlus](#) | Full Text: [PDF](#)(736 KB) IEEE CNF

- ☐ **15. Automatic generation of probing operation for estimating contact position of object and environment**
Yong Yu; Yoshikawa, T.; Tsujio, S.;
Intelligent Robots and Systems, 1998. Proceedings., 1998 IEEE/RSJ International Conference on
Volume 2, 13-17 Oct. 1998 Page(s):1157 - 1163 vol.2
Digital Object Identifier 10.1109/IROS.1998.727455
[AbstractPlus](#) | Full Text: [PDF](#)(680 KB) IEEE CNF
- ☐ **16. Characterization of a neural network-based trajectory recognition optical automated guided vehicle**
Borges, G.A.; Lima, A.M.N.; Deep, G.S.;
Instrumentation and Measurement Technology Conference, 1998. IMTC/98. C
Proceedings. IEEE
Volume 2, 18-21 May 1998 Page(s):1179 - 1184 vol.2
Digital Object Identifier 10.1109/IMTC.1998.676910
[AbstractPlus](#) | Full Text: [PDF](#)(580 KB) IEEE CNF
- ☐ **17. Selection of image features for robot positioning using mutual information**
Wells, G.; Torras, C.;
Robotics and Automation, 1998. Proceedings. 1998 IEEE International Conference on
Volume 4, 16-20 May 1998 Page(s):2819 - 2826 vol.4
Digital Object Identifier 10.1109/ROBOT.1998.680478
[AbstractPlus](#) | Full Text: [PDF](#)(720 KB) IEEE CNF
- ☐ **18. Automatic landing method of a reclaimer on the stockpile**
Chintae Choi; Hyunsik Ahn; Kwanhee Lee; Kitae Shin;
Robotics and Automation, 1997. Proceedings., 1997 IEEE International Conference on
Volume 3, 20-25 April 1997 Page(s):1821 - 1826 vol.3
Digital Object Identifier 10.1109/ROBOT.1997.619052
[AbstractPlus](#) | Full Text: [PDF](#)(564 KB) IEEE CNF
- ☐ **19. Feature-based off-line programming of coordinate measuring machines**
Hermann, G.;
Intelligent Engineering Systems, 1997. INES '97. Proceedings., 1997 IEEE International Conference on
Volume 1, 15-17 Sept. 1997 Page(s):545 - 548
Digital Object Identifier 10.1109/INES.1997.632476
[AbstractPlus](#) | Full Text: [PDF](#)(320 KB) IEEE CNF
- ☐ **20. Next best view of range sensor**
Yu Zhien; Wang Ke; Yang Rong-Guang;
Industrial Electronics, Control, and Instrumentation, 1996., Proceedings of the IECON 22nd International Conference on
Volume 1, 5-10 Aug. 1996 Page(s):185 - 188 vol.1
Digital Object Identifier 10.1109/IECON.1996.570950
[AbstractPlus](#) | Full Text: [PDF](#)(396 KB) IEEE CNF
- ☐ **21. Automatic sensor and light source positioning for machine vision**
Yi, S.; Haralick, R.M.; Shapiro, L.G.;
Pattern Recognition, 1990. Proceedings., 10th International Conference on
Volume 1, 16-21 June 1990 Page(s):55 - 59 vol.1
Digital Object Identifier 10.1109/ICPR.1990.118064
[AbstractPlus](#) | Full Text: [PDF](#)(420 KB) IEEE CNF

- ☐ **22. Model based active object localisation using multiple sensors**
Wu Wen; Durrant-Whyte, H.F.;
Intelligent Robots and Systems '91. 'Intelligence for Mechanical Systems, Proc
'91. IEEE/RSJ International Workshop on
3-5 Nov. 1991 Page(s):1448 - 1452 vol.3
Digital Object Identifier 10.1109/IROS.1991.174712
[AbstractPlus](#) | Full Text: [PDF\(392 KB\)](#) IEEE CNF
- ☐ **23. Path planning for automated dimensional inspection using coordinate measuring machines**
Yau, H.-T.; Menq, C.-H.;
Robotics and Automation, 1991. Proceedings., 1991 IEEE International Conference on
9-11 April 1991 Page(s):1934 - 1939 vol.3
Digital Object Identifier 10.1109/ROBOT.1991.131910
[AbstractPlus](#) | Full Text: [PDF\(512 KB\)](#) IEEE CNF
- ☐ **24. Rule-based contour generation for robotic processes**
Gamage, L.B.; de Silva, C.W.;
TENCON '92. Technology Enabling Tomorrow : Computers, Communications :
towards the 21st Century. 1992 IEEE Region 10 International Conference.
11-13 Nov. 1992 Page(s):649 - 653 vol.2
Digital Object Identifier 10.1109/TENCON.1992.271891
[AbstractPlus](#) | Full Text: [PDF\(368 KB\)](#) IEEE CNF
- ☐ **25. Elastic nets and vision-based autonomous navigation**
Kuhnert, K.D.;
Industrial Electronics, 1993. Conference Proceedings, ISIE'93 - Budapest., IEEE
Symposium on
1-3 June 1993 Page(s):249 - 256
Digital Object Identifier 10.1109/ISIE.1993.268799
[AbstractPlus](#) | Full Text: [PDF\(652 KB\)](#) IEEE CNF




[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

[Search Results](#)
[BROWSE](#)
[SEARCH](#)
[IEEE XPLORE GUIDE](#)

Results for "((automatic* <paragraph> measur* <paragraph> geometric* <paragraph> position)<i>..."

☒ e-mail

Your search matched 28 of 1286976 documents.

A maximum of 28 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

[View Session History](#)
[New Search](#)

Modify Search

☐ Check to search only within this results set

» Key

Display Format: ☒ Citation ☐ Citation & Abstract

IEEE JNL IEEE Journal or Magazine

IEEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

Select Article Information

- ☐ **26. Automatic calibration and visual servoing for a robot navigation system**
 Zhang, Z.; Weiss, R.; Hanson, A.R.;
 Robotics and Automation, 1993. Proceedings., 1993 IEEE International Conference
 2-6 May 1993 Page(s):14 - 19 vol.1
 Digital Object Identifier 10.1109/ROBOT.1993.291955
[AbstractPlus](#) | Full Text: [PDF](#)(428 KB) IEEE CNF
- ☐ **27. Weld seams detection and recognition for robotic arc-welding through ul sensors**
 Bastos, T.F.; Martin, J.M.; Calderon, L.; Ceres, R.;
 Industrial Electronics, 1994. Symposium Proceedings, ISIE '94., 1994 IEEE International Symposium on
 25-27 May 1994 Page(s):310 - 315
 Digital Object Identifier 10.1109/ISIE.1994.333099
[AbstractPlus](#) | Full Text: [PDF](#)(448 KB) IEEE CNF
- ☐ **28. Innovations on underwater stereoscopy: the new developments of the TV**
 Maddalena, D.; Prendin, W.; Zampato, M.;
 OCEANS '94. 'Oceans Engineering for Today's Technology and Tomorrow's P
 Proceedings
 Volume 2, 13-16 Sept. 1994 Page(s):II/150 - II/156 vol.2
 Digital Object Identifier 10.1109/OCEANS.1994.364031
[AbstractPlus](#) | Full Text: [PDF](#)(432 KB) IEEE CNF


 Indexed by
[Help](#) [Contact Us](#) [Privacy & :](#)

© Copyright 2005 IEEE --

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	((("5272760") or ("5483960")).PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2005/12/21 13:43
L2	1711	geometric near2 measur\$5	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/12/21 14:33
L3	243	L2 same reference	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/12/21 14:33
L4	4	measur\$4 same ribcage same heart	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/12/21 14:33
S1	66590	automatic\$6 near4 set\$5	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/12/21 13:42
S2	2635	S1 with measur\$7	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/04/28 17:29
S3	275	S2 same imag\$5	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/04/28 17:29
S4	6	S3 same geometr\$5	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/04/28 17:34
S5	1564	geometric near2 measur\$5	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/04/28 17:34
S6	221	S5 same reference	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/12/21 14:33
S7	4	S6 same radiograph\$5	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/04/28 17:38
S8	7135	automatic\$4 near1 measur\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/04/28 17:38
S9	9921	automatic\$7 near1 measur\$6	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/04/28 17:38
S10	36	S9 with geometr\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/04/28 17:42
S11	5	ratio same heart same ribcage	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/04/28 17:49

S12	323	cardio near thorac\$5	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/04/28 17:49
S13	4	S12: same ratio	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/04/28 17:54
S14	4	measur\$4 same ribcage same heart	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/12/21 14:33
S15	55	scolioti\$4 near1 curvatur\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/04/28 17:57
S16	3	S15 same measur\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/04/28 17:57
S17	4	S15: same measur\$6	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/04/28 17:57
S18	4	((("4258264") or ("4387428") or ("4276473") or ("4315318"))).PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2005/04/29 11:21